



# 780 pH Meter

2.780.0010

In addition to pH, voltage and temperature measurement, the 780 pH Meter also offers an automatic stirrer control, a multi-point calibration with up to nine buffers, a method memory and various monitoring functions. The automatic pH electrode test in conformance with GLP permits objective assessment of the electrode. The large backlit multi-line display provides an overview and makes the individual settings easy. The bi-directional RS-232 interface enables data transfer to a printer or PC.

Below, the accessories are grouped into Scope of delivery and Optional accessories.  
Please keep this printout at hand for ordering replacement material.  
These lists may be subject to change.

## Scope of delivery 2.780.0010

Qt.	Order no.	Description
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In addition to pH, voltage and temperature measurement, the 780 pH Meter also offers an automatic stirrer control, a multi-point calibration with up to nine buffers, a method memory and various monitoring functions. The automatic pH electrode test in conformance with GLP permits objective assessment of the electrode. The large backlit multi-line display provides an overview and makes the individual settings easy. The bi-directional RS-232 interface enables data transfer to a printer or PC.



Combined pH electrode with integrated Pt1000 temperature sensor for pH measurements/titrations. This electrode is particularly suitable:

- for pH measurements and titrations in difficult, viscous, or alkaline samples
- at elevated temperatures
- for long-term measurements

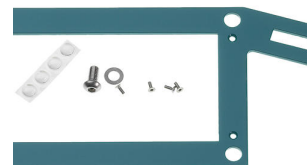


The fixed ground-joint diaphragm is insensitive to contamination.

Reference electrolyte:  $c(\text{KCl}) = 3 \text{ mol/L}$ , storage in storage solution.

Alternatively: reference electrolyte for measurements at  $T > 80^\circ\text{C}$ : Idrolyte, storage in Idrolyte.

Support stand for 780, 781 pH meter



For support rods with a diameter of 10 mm.





Electrode holder for 4 electrodes and 2 buret tips



For connecting electrodes with Metrohm plug-in head U to Metrohm instruments (socket F).



Power supply, 100-240 V, 50-60 Hz, 12 V DC for 780 pH-/Ionmeter, 781,  
is also used with 6.1830.020 heatable tubing



1 PCS

6.2621.070

5 mm hex key for IC Sample Processors



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1 PCS





6.2621.130

Hexagon key 2 mm

2 mm.



## Optional accessories

Order no.	Description	
2.140.0200	Impact printer CUSTOM DP40-S4N  Normal paper printer, paper width 58 mm (40 columns), serial interface RS 232C (DB9). U = 100...240 V, 50/60 Hz.	
2.801.0010	801 Stirrer  Magnetic stirrer without stand for supplementing the Titrino plus, Dosimat plus, Titrandos, Sample Processors, 805 Dosimats and 780/781 pH Meters. With permanently attached cable for MSB (Metrohm Serial Bus).	
2.802.0040	802 Stirrer for 804 Ti Stand  Rod stirrer including 6.1909.010 stirring propeller.	
2.804.0010	804 Ti Stand without stand rod  Titration stand and controller for 802 Stirrer. The 804 Ti Stand together with the optional 802 Stirrer provides an alternative to the magnetic stirrer. Without stand.	

6.2103.130 Adapter red 2 mm plug / 4 mm socket  
For connecting plug B (4 mm) to 2 mm socket.



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6.2103.140 Adapter black 2 mm plug / B socket 4 mm  
For connecting plug B (4 mm) to 2 mm socket.



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6.2134.110 Cable RS-232 DB9 socket f – DB9 plug  
Connecting Metrohm RS-232 interface (DB9) to a Custom DP40 printer.  
For Titrinos or 756/831 KF Coulometer. RS-232 extension cable (1:1)



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6.2141.320 Remote cable 869 Compact Sample Changer to Remote box MSB  
Remote cable (9-pin) for the connection of a 869 Compact Sample  
Changer to (6.2148.010). Remote box MSB



6.2148.010

### Remote Box MSB

Additional remote interface for the connection of devices that can be controlled via remote lines. With permanently attached cable.



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6.2307.230

### Buffer solutions pH 4, 7 and 9

Mixed buffer solutions pH 4.00/7.00/9.00 (25 °C) in single use sachets, colourless, box of 3 x 10 x 30 mL



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6.2325.000

### pHit kit

Maintenance kit for pH electrodes

The kit contains:

- 50 mL cleaning solution
- 50 mL 3M KCl solution
- 50 mL storage solution
- 2 Storage vessels
- Instructions for use

